## IN THE CLAIMS

Claims 1-21 (canceled)

- 22. (currently amended) A method of treating a host having a flavivirus or rhabdovirus infection, which method comprises administering to the host effective amounts of:
- (a) an interferon, and
- (b) at least one compound selected from the group consisting of:
- 5-membered cyclic nucleosides having the formula (I):

$$R_1$$
 $X$ 
 $Nu$ 
 $H$ 
 $R_2$ 
 $R_3$ 
 $(I)$ 

wherein  $\widehat{X}$  is =CH-, -CH<sub>2</sub>- or -O-, Nu is selected from the group consisting of purines, pyrimidines and five- or six-membered aglycones, R<sub>2</sub> and R<sub>3</sub> are independently selected from the group consisting of H, OH, O-acyl, O-aryl and O-silyl, and R<sub>1</sub> is as defined for R<sub>2</sub> and R<sub>3</sub> or is O-phosphate, and pharmaceutically acceptable metabolites, metabolite derivatives and salts thereof; and mycophonolic acid compounds having the formula (II):

$$\begin{array}{c|c}
O & R_4 & CH_3 \\
\hline
O & OR_5 \\
\hline
OCH_3 & OH_3 \\
\end{array}$$

wherein R<sub>4</sub> is -OR<sub>6</sub> or -N(R<sub>7</sub>) R<sub>8</sub> in which R<sub>6</sub>, R<sub>7</sub> and R<sub>8</sub> are independently selected from the group consisting of hydrogen and C<sub>1</sub>-C<sub>6</sub> alkyl, and R<sub>5</sub> is selected from the group consisting of hydrogen, phonyl and C<sub>1</sub>-C<sub>6</sub> alkyl unsubstituted or substituted by a five- or six-membered saturated or unsaturated heterocyclic ring, and pharmaceutically acceptable salts thereof; imidazole derivatives represented by formula (III):

 $\begin{array}{c|c}
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\
 & & \\$ 

wherein R<sub>9</sub> is a hydrogen atom or

wherein  $R_{10}$  is a hydrogen atom,  $C_1$ - $C_6$  alkyl, hydroxy( $C_1$ - $C_6$ -alkyl) or phenyl,  $R_{11}$  and  $R_{13}$  are independently selected from hydrogen and  $OR_{12}$  and  $R_{12}$  is a hydrogen atom or a hydroxy protecting group and A is  $CONH_2$  or CN, and pharmaceutically acceptable salts thereof;

- aminoadamantanes having the formula (IV):

$$R_{15}$$
 $R_{16}$ 
 $R_{17}$ 
 $R_{18}$ 
 $R_{19}$ 
 $R_{19}$ 

wherein each of  $R_{14}$ ,  $R_{15}$ ,  $R_{16}$  and  $R_{17}$  is independently selected from the group consisting of H, F and CH<sub>3</sub> and X is N(R<sub>18</sub>)<sub>2</sub>, CH<sub>2</sub>CH<sub>2</sub>N(R<sub>18</sub>)<sub>2</sub> or C(R<sub>19</sub>)<sub>2</sub>N(R<sub>18</sub>)<sub>2</sub> wherein each R<sub>18</sub> and R<sub>19</sub> is H, (C<sub>1</sub>-C<sub>6</sub>) alkyl, (C<sub>6</sub>-C<sub>10</sub>) aryl and (C<sub>7</sub>-C<sub>18</sub>) aralkyl; and

2,4-diaminopyrimidines having the formula (V):

$$\begin{array}{c|c}
NH_2 \\
R_{20} \\
R_{21}
\end{array}$$
(V)

wherein  $R_{20}$  is phenyl substituted by one or more substituents selected from the group consisting of benzyl,  $NO_2$ ,  $(C_1-C_6)$  alkylamino and halogen and  $R_{21}$  is H or  $C_1-C_6$  alkyl; or  $R_{20}$  and  $R_{21}$  form, together with the 2,4-diaminopyrimidine ring to which they are attached, a quinazoline derivative of formula (V'):

$$\begin{array}{c|cccc} NH_2 & R_{22} & O & COOR_{24} \\ \hline & & & & & & & \\ NH_2 & R_{22} & & & & & \\ \hline & & & & & & \\ C-NH-CH & & & & \\ & & & & & & \\ (CH_2)_nCOOR_{24} & & & \\ & & & & & \\ \end{array}$$

wherein Z is  $-CH_2NR_{23}$ - or  $-NR_{23}CH_2$ -;  $R_{22}$ ,  $R_{23}$  and  $R_{24}$  are each, independently, H or  $C_1$ - $C_6$  alkyl; and n is 1 or 2,\_and pharmaceutically acceptable salts thereof.

- 23. (previously presented) A method according to claim 22, wherein the flavivirus is selected from yellow fever virus, kunjin virus, dengue virus, hepatitis C virus, St. Louis encephalitis virus, Japanese encephalitis virus, Murray valley encephalitis virus and tick-borne encephalitis virus.
- 24. (previously presented) A method according to claim 22, wherein the rhabdovirus is selected from vesicular stomatitis virus (VSV) and rabies virus.
- 25. (previously presented) A method according to claim 22, wherein the interferon (a) is a human interferon.
- 26. (previously presented) A method according to claim 22, wherein the interferon is selected from interferon  $\alpha$ 2, interferon  $\alpha$ 8 and interferon  $\beta$ .
- 27. (previously presented) A method according to claim 26, wherein the interferon is human interferon  $\alpha 8$  having a specific activity of from  $0.6x10^9$  to  $1.5x10^9$  IU per mg protein.
- 28. (currently amended) A method according to claim 26, wherein the interferon is human interferon β having a specific activity of from 4x10<sup>8</sup> to 8x10<sup>8</sup> IU per mg protein.
- 29. (previously presented) A method according to claim 22, wherein the compound (b) is at least one compound selected from the group consisting of cyclopentenyl cytosine, mycophenolic acid, 5-ethynyl-1-β-D-ribofuranosylimidazole-4-carboxamide, amantadine hydrochloride, 3-deazaneplanocin, neplanocin A, 3-deazauridine, 6-azauridine,

TAN et al. - Appln. No. 09/914,184

aristeromycin, pyrazofurin, tiazafurin, selenofurin, NSC 382046, NSC 7364, NSC 302325, NSC 184692D and NSC 382034.

30. (withdrawn) Products containing an interferon and at least one compound (b) as defined in claim 22 as a combined preparation for simultaneous, separate or sequential use in treating a flavivirus or rhabdovirus infection.

Claims 31-37 (canceled)

38. (previously presented) A method of treating a host having a flavivirus or rhabdovirus infection, which method comprises the step of administering to the host, in respective amounts which produce a synergistic antiflaviviral or antirhabdoviral effect, an interferon and at least one compound (b) as defined in claim 22.

39. (withdrawn) An agent for use in the treatment of a flavivirus or rhabdovirus infection, which comprises an interferon and at least one compound (b) as defined in claim 22.

Kindly enter the following new claims.

40. (new) A method according to claim 22, wherein Nu is selected from the group consisting of:

wherein  $R_{23}$  is CI or  $NH_2$  and  $R_{26}$  is H,  $CH_3,\,CF_3,\,F,\,CL,\,Br$  or I.

41. (new) A method of treating the host having a flavivirus or rhabdovirus infection, which method comprises the step of administering to the host, in respective amounts which produce a synergistic antiflaviviral or synergistic antirhabdoviral effect, an interferon and at least one aminoadamantane of formula IV:

TAN et al. - Appln. No. 09/914,184

$$R_{15}$$
 $R_{16}$ 
 $R_{17}$ 
 $R_{14}$ 
 $R_{17}$ 
 $R_{19}$ 
 $R_{19}$ 
 $R_{19}$ 
 $R_{19}$ 
 $R_{19}$ 
 $R_{19}$ 
 $R_{19}$ 

wherein each of  $R_{14}$ ,  $R_{16}$  and  $R_{17}$  independently selected from the group consisting of H, F and CH<sub>3</sub> and X is  $N(R_{18})_2$ ,  $CH_2CH_2N(R_{18})_2$  or  $C(R_{19})_2N(R_{18})_2$  wherein each  $R_{18}$  and  $R_{19}$  is H,  $(C_1-C_6)$  alkyl,  $(C_6-C_{10})$  aryl and  $(C_7-C_{18})$  aralkyl.